HEWLETT-PACKARD COMPAN) Intellectual Property Administration P. O. Box 272400

Fort Collins, Colorado 80527-2

ATTORNEY DOCKET NO. 200300074-1

IN THE PATENT AND TRADEMARK OFFICE

Inventor(s):

Xiao-An Zhang et al

JAN 0 3 2006

Application No.: 10/614855

Examiner:

T.L. Rude

Confirmation No.: 9152

Filing Date:

July 7, 2003.

Group Art Unit:

Title:

Controllable and Organized 3-D Molecular Assembly and its Applications for Molecular

Display and Moletronics

Mail Stop Amendment **Commissioner for Patents** PO Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

(;) under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

(x) under 37 CFR 1.97(c) together with either a:

() Statement under 37 CFR 1.97(e), or

(X) a \$180.00 fee under 37 CFR 1.17(p), or

(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

() under 37 CFR 1.97 (d) together with a:

() Statement under 37 CFR 1.97(e)(1) or (2), and

() a \$180.00 fee set forth in 37 CFR 1.17(p).

(Filed after final action, a notice of allowance, on or before payment of the issue fee)

. At any time during the Please charge to Deposit Account 08-2025 the sum of \$1.80.00 pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

- Applicant(s) submit herewith Form PTO 1449 Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.
- () A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV 665303347

Date of Deposit Jan. 3, 2006

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Alexandria, Commissione Patents

Typed Name

Respectfully submitted,

Xiao-An Zhang et al

David W. Collins

Attorney/Agent for Applicant(s)

26857 Reg. No.

Date: Jan. 3, 2006

Telephone No.: (520) 399-3203

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FORM PTO-1449	ATTY. DOCKET NO. 200300074-1	APPLICATION NO. 10/614,855	CONFIRMATION 9152	NO.
O P E UST OF PATENTS AND PUBLICATIONS FOR	APPLICANT			
グネPPLICANT'S INFORMATION DISCLOSURE STATEMENT	XIAO-AN ZHANG			
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	6,947,205	9/20/2005	Zhang et al	
	1B	6,556,470	4/29/2003	Vincent et al	
	1C	6,731,532	5/4/2004	Vincent et al	
	1D	6,876,570	4/5/2005	Vincent et al	
	1E	6,822,893	11/23/2004	Vincent et al	
	1F	6,853,577	2/8/2005	Vincent et al	
	1G	6,809,956	10/26/2004	Vincent et al	
	1H	6,674,932	1/6/2004	Zhang et al	
	11	6,701,035	3/2/2004	Zhang et al	
	1J	6,763,158	7/13/2004	Zhang et al	
	1K	6,888,978	5/3/2005	Zhang et al	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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2A	6,920,260	7/19/2005	Zhang et al		
2B	6,805,817	10/19/2004	Zhang et al		
2C	6,937,357	8/30/2005	Vincent et al		
2D	6,850,230	2/1/2005	Vincent et al		
2E	6,940,497	9/6/2005	Vincent et al		
2F	6,806,453	10/19/2004	Vincent et al		
2G	6,670,981	12/30/03	Vincent et al		
2H	6,815,706	11/9/2004	Li et al		
21	6,763,158	7/13/04	Zhang et al		
2J	6,867,427	3/15/04	Zhang et al		
2K	6,751,365	6/15/04	Zhang et al		
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	ЗА	6,853,478	2/8/2005	Vin	cent et al				
	3В	6,795,230	9/21/2004	Vin	cent et al				
	3C	6,942,312	9/13/2005	Leu	ng et al				
	3D	6,512,119	1/28/2003	Brat	kovski et al				
	3E	6,624,002	9/23/2003	Brat	kovski et al				_
	3F	5,866,284	2/2/1999	Vine	cent				
	3G	6,045,955	4/4/2000	Vine	cent				
	зн	6,663,797	12/16/2003	Brat	kovski et al				_
	31	6,757,457	6/29/2004	Zha	ng et al				
	3J	6,778,165	8/17/2004	Hub	by et al				
	зк	6,934,424	8/23/2005	Zha	ng et al				
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	4A	2003-0071780	4/17/2003	Vin	cent et al		Televant Tassages (or rigures Ap	
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	4E	2003-0194630	10/16/2003	-	k et al				
	├	2004-0122233	6/24/2004		k et al				
	├	2004-0084661	5/6/2004		ing et al			<u> </u>	
	-	2005-0006640	1/13/2005	+	kson et al	•			
	41	2005-0194526	9/8/2005	Zho	u et al				
	4J	2005-0040417	2/24/2005	Li e	t al				
									
	4K	2004-0041799	3/4/2004 FOR	J	PATENT DOCUME	ENTS			
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	5A	2005-0084204	4/21/2005	Zho	ou et al				
	5B	2005-0052983	3/10/2005	Vin	cent et al				
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